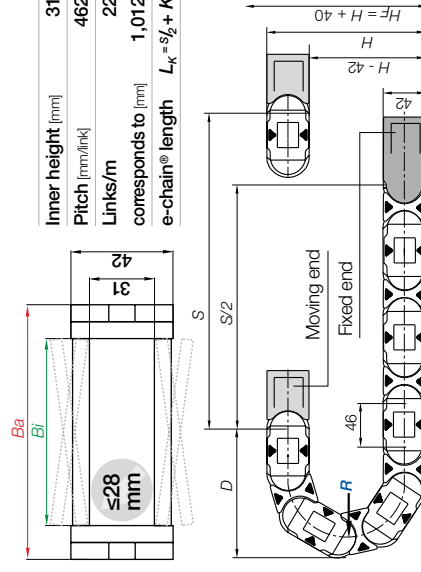
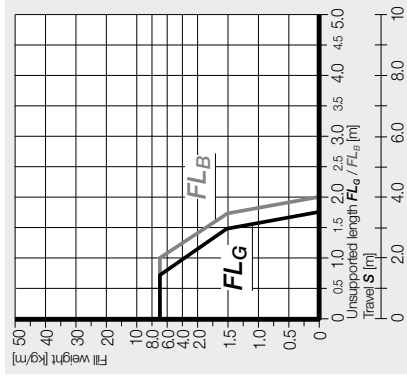




inner and outer radius, from both sides)
and outer radius, from both sides)

| Part No. | Bi | Ba | E4.31L | R4.31L |
|----------------|------------------|------|--------|---------------|
| e-tubes | [mm] | [mm] | [kg/m] | [kg/m] |
| R.0 | R4.31L.125.R.0** | 125 | 139 | ≈ 0,96 ≈ 1,26 |
| R.0** | - | 137 | 151 | ≈ 0,98 - |
| R.0 | R4.31L.150.R.0** | 150 | 164 | ≈ 1,00 ≈ 1,40 |
| R.0 | - | 162 | 176 | ≈ 1,04 - |
| R.0 | R4.31L.175.R.0** | 175 | 189 | ≈ 1,13 ≈ 1,55 |
| R.0** | - | 187 | 201 | ≈ 1,17 - |
| R.0** | R4.31L.200.R.0** | 200 | 214 | ≈ 1,17 ≈ 1,68 |

sec



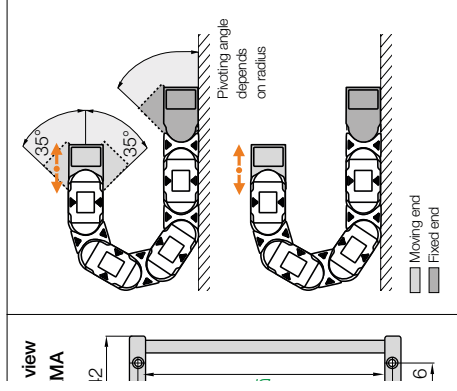
| | | | | | | | | | |
|---|-------------------|-------------------|-----|-----|-----|------|-----|------|-----|
| R | 055 ¹⁾ | 063 ¹⁾ | 075 | 100 | 125 | 150 | 175 | 200 | 250 |
| H | 15.2 | 168 | 192 | 242 | 292 | 34.2 | 392 | 44.2 | 542 |
| D | 145 | 153 | 165 | 190 | 215 | 240 | 265 | 290 | 340 |
| K | 265 | 290 | 330 | 410 | 485 | 565 | 645 | 725 | 880 |

The required clearance height: $H_f = H + 40\text{mm}$ (with 1.0kg/m fill weight)

1) Radius not available for e-tubes



If a gliding application is required for a long travel, please consult igus®.



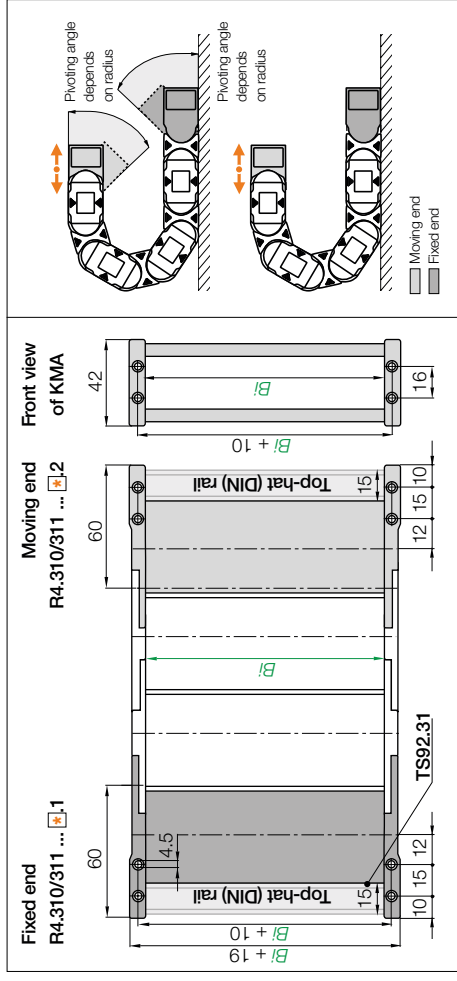
for gliding applications and standing applications

| Part No. full set | Part No. full set | Bi [mm] |
|--------------------|--------------------|---------|
| MA pivoting | KMA locking | |
| 4.310.125.12.C | E4.311.125.12.C* | 125 |
| 4.310.137.12.C* | E4.311.137.12.C* | 137 |
| 4.310.150.12.C | E4.311.150.12.C | 150 |
| 4.310.162.12.C | E4.311.162.12.C | 162 |
| 4.310.175.12.C | E4.311.175.12.C | 175 |
| 4.310.187.12.C* | E4.311.187.12.C* | 187 |
| 4.310.200.12.C* | E4.311.200.12.C* | 200 |

*long travel, please consult igus®.



igus.co.uk/R4.31L



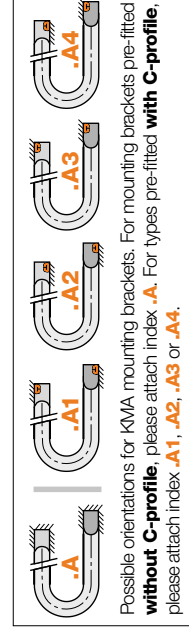
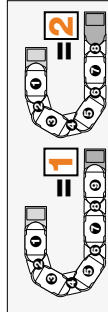
KMA pivoting | Recommended for unsupported and gliding applications
KMA locking | Recommended for vertical hanging and standing applications

| Width index | Part No. full set | Bi [mm] | Width index | Part No. full set | Bi [mm] |
|-------------|---------------------|---------|-------------|--------------------|---------|
| 050. ▶ | KMA pivoting | | | KMA locking | 150 |
| 075. ▶ | R4.310.050.12.C | 050 | 150. ▶ | R4.310.150.12.C* | 150 |
| 100. ▶ | R4.310.075.12.C | 075 | 175. ▶ | R4.310.175.12.C* | 175 |
| 125. ▶ | R4.310.100.12.C | 100 | 200. ▶ | R4.310.200.12.C* | 200 |
| | R4.310.125.12.C* | 125 | | | |

(KMA = polymer metal mounting bracket) For the TS92.31 top-hat (DIN) rail option please add index **.c**

*Width available upon request. Delivery time upon request. **Note:** If a gliding application is required for a long travel, please consult igus®.

Note: The e-chains® may end with either an inner or an outer side link. An outer side link should always be the first e-chain® link at the moving end. Please specify the index (for odd) or (for even) depending on an even or odd number of links required.



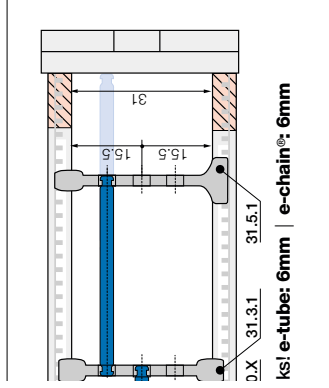
Strain relief e.g. clamps, tie-wrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ▶ From page 1392

igus.co.uk/R4.31L



www.igus.co.uk/E4.1L

551



Standard - for any application

or with a wide base for maximum holding force.

for faster installation

one side for high holding force, narrow on opposite side for easy cable fitting.

for all cables

or with a narrow base for a large number of small cables by side. Saves space.

to separate cables

separator for exact positioning. Recommended for side-mounted applications.

Interior separation

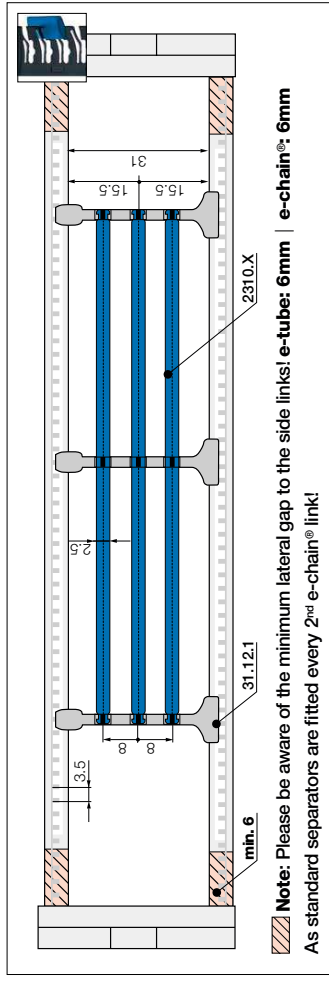
Interior shelf locks securely into separators at both ends, fixed width. Can be used as full-width or partial shelf.

| assembled | X (mm) | unassembled | assembled |
|-----------|--------|-------------|-----------|
| 2310.060 | 087 | 2300.87 | 2310.087 |
| 2310.062 | 090 | 2300.90 | 2310.090 |
| 2310.065 | 100 | 2300.100 | 2310.100 |
| 2310.070 | 103 | 2300.103 | 2310.103 |
| 2310.075 | 110 | 2300.110 | 2310.110 |
| 2310.077 | 120 | 2300.120 | 2310.120 |
| 2310.080 | 125 | 2300.125 | 2310.125 |

www.igus.co.uk/R4.31L



igus 3D CAD, configurators, service life calculation and more ► www.igus.co.uk/E4.1L



Note: Please be aware of the minimum lateral gap to the side links! e-tube: 6mm | e-chain®: 6mm

As standard separators are fitted every 2nd e-chain® link!

| Lean separator ¹⁾ | Lean separator ¹⁾ |
|------------------------------|------------------------------|
| | unassembled |
| | assembled |
| | 31.12 |
| | 31.12.1 |

Lean separators¹⁾

For quick fitting of shelves in several layers.

1) Note: Please combine maximum 4 lean separators with one shelf. Not suitable for side-mounted e-chains^{®1)}

With the lean separator you can quickly insert several layers of cables into the e-chain® and reduce the installation time by up to 50%²⁾.

2) Lean interior separator vs. Standard separator - measured on a 4m long e-chain® fitted with 12 cables in the igus® readychain® factory



Separator with integrated strain relief teeth

- Can be integrated into the mounting bracket or placed at any point
 - Combines strain relief and interior separation, for restricted space conditions
 - Strain relief separator is easy to assemble without any screws
- Part No. 31.Z - more information ► From page 1424



Aluminium support tray

- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
 - Noise-reducing glide strip integrated as standard
 - Easy installation and connection of the e-tube
 - Open design - dirt and debris fall through
- More information ► From page 1362

